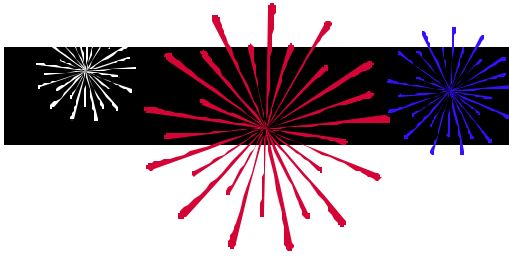


# 2000 Fireworks Injuries Hospital Emergency Room Survey

June 17- July 16, 2000





# Hospitals Reporting Injuries

## June 17- July 16, 2000

### **ALAMEDA COUNTY**

Children's Hospital  
Eden Hospital  
Kaiser - Hayward  
St Rose Hospital  
Valley Memorial Hospital  
Washington Hospital

### **BUTTE COUNTY**

Feather River Hospital \*  
Biggs- Gridley Memorial Hospital\*

### **COLUSA COUNTY**

Colusa Community Hospital\*

### **CONTRA COSTA COUNTY**

Mt Diablo Medical Center\*  
San Ramon Regional Medical Center\*  
John Muir Medical Center\*  
Kaiser-Permanente -Walnut Creek\*

### **DEL NORTE COUNTY**

Sutter Coast Hospital

### **EL DORADO COUNTY**

Barton Memorial Hospital \*

### **FRESNO COUNTY**

Community Medical Center- Clovis \*  
Selma District Hospital \*  
Valley Children's Pediatric Plus  
Kingsburg District Hospital  
Coalinga Regional Medical Center

### **GLENN COUNTY**

Glenn Medical Center

### **HUMBOLDT COUNTY**

St Joseph Hospital \*

### **IMPERIAL COUNTY**

Pioneers Memorial Hospital  
El Centro Region Medical Center

### **INYO COUNTY**

Northern Inyo Hospital \*  
Southern Inyo Hospital \*

### **KERN COUNTY**

Kern Valley Healthcare District \*  
Mercy Hospital \*  
Ridgecrest Regional Hospital  
San Joaquin Hospital

### **KINGS COUNTY**

Coalinga Regional Medical Center  
Corcoran District Hospital\*  
Hanford Community Medical Center  
Central Valley General Hospital

### **LASSEN COUNTY**

Lassen Community Hospital \*

### **LAKE COUNTY**

Redbud Community Hospital \*

**LOS ANGELES COUNTY**

Arcadia Methodist Hospital  
Avalon municipal Hospital\*  
Bellflower Medical Center  
Cedar -Sinai Medical Center\*  
Children's Hospital Of Los Angeles  
Coast Plaza Doctors Hospital  
Community Hospital of Gardena \*  
Daniel Freeman Memorial Hospital  
Downey Community Hospital  
Encino Hospital \*  
Foothill Presbyterian Hospital \*  
Glendale Memorial Medical Center \*  
Greater Elmonte Community Hospital  
Huntington East Valley Hospital \*  
Kaiser- Baldwin Park  
Kaiser- Woodland Hills  
Lakewood Regional Medical Center  
Little Company of Mary Hospital \*  
Mission Community Hospital \*  
Monterey Park Hospital  
Olive View- UCLA \*  
Pacific Alliance Medical Center \*  
Pomona Valley Hospital  
Presbyterian Medical Center  
Presbyterian Inter-Community Hospital  
Providence Holy Cross Medical Center \*  
Queen of Angels Hospital  
Queen of the Valley Hospital \*  
Saint Luke Medical Center\*  
San Gabriel Valley Medical Center  
San Pedro Hospital  
Santa Teresita Hospital \*  
Sherman Oaks Hospital \*

**LOS ANGELES COUNTY(cont)**

Tarzana Regional Medical Center  
Torrence Memorial Medical Center  
Verdigo Hills Hospital \*  
West Hills Hospital \*

**MARIN COUNTY**

Kaiser-San Rafael \*

**MADERA COUNTY**

Madera Community Hospital \*

**MENDOCINO COUNTY**

Howard Memorial Hospital \*  
Mendocino Coast District Hospital

**MERCED COUNTY**

Mercy Hospital  
Dos Palos Memorial Hospital \*

**MODOC COUNTY**

Surprise Valley Health Care District \*

**MONO COUNTY**

Mammoth Hospital \*

**MONTEREY COUNTY**

Mee Memorial Hospital \*  
Monterey Community Hospital \*

**NAPA COUNTY**

Queen of the Valley Hospital \*  
St. Helena Hospital \*

**NEVADA COUNTY**

Sierra Nevada Memorial

**ORANGE COUNTY**

Anaheim Memorial Medical Center \*  
Brea Community Hospital \*  
Coastal Community Hospital  
Fountain Valley Hospital  
Hoag Hospital  
Huntington Beach Hospital  
Inter Community Chinese Hospital \*  
Kaiser- Orange  
La Palma Hospital  
Orange Coast Memorial Hospital  
Placentia Linda Hospital \*  
San Clemente Hospital \*  
South Coast Medical Center  
St Joseph Hospital  
West Anaheim Medical Center \*  
UCI Medical Center

**PLACER COUNTY**

Sierra Nevada Hospital

**PLUMAS COUNTY**

Eastern Plumas Health Care District \*

**RIVERSIDE COUNTY**

Corona Regional Hospital \*  
JF Kennedy Hospital  
Eisenhower Medical Center \*  
Desert Regional Medical Center \*  
Hemet Valley Medical Center \*  
Kaiser- Riverside  
Menifee Valley Medical Center \*  
Parkview Community Hospital \*

**SACRAMENTO COUNTY**

Kaiser- North Sacramento  
Mercy General Hospital  
Methodist Hospital  
Sutter General Hospital \*

**SAN BERNARDINO**

Arrowhead Medical Center \*  
Barstow Community Hospital \*  
Chino Valley Medical Center \*  
Colorado River Medical Center \*  
Desert Valley Hospital \*  
Global Medical Center \*  
Hi Desert Medical Center \*  
San Bernardino Mtns.Com Hospital \*

**SAN DIEGO COUNTY**

Paradise Valley Hospital \*  
Scripps Memorial Hospital \*  
Sharp Chula Vista Medical Center \*  
Sharp Coronado Hospital \*  
Pomerado Hospital  
Childrens Hospital

**SAN FRANCISCO COUNTY**

Kaiser- South San Francisco  
San Francisco General Hospital  
St Lukes Hospital

**SAN JOAQUIN COUNTY**

Lodi Memorial  
San Joaquin General Hospital \*  
St Joseph Medical Center  
Seneca Health Care District  
Sutter Tracy Community Hospital

**SAN LUIS OBISPO**

San Luis Obispo General Hospital \*  
Sierra Vista Regional Medical Center \*  
Marian Medical Center  
Arroyo Grande Hospital

**SAN MATEO COUNTY**

Mills-Peninsula Medical Center \*  
Seton Medical Center  
Stanford Hospital

**SANTA BARBARA**

Lompoc Hospital  
Marian Medical Center  
St Frances Medical Center

**SANTA CLARA COUNTY**

Community Hospital – Los Gatos \*  
El Camino Hospital \*  
Kaiser- Santa Clara  
O'Connor Hospital \*  
Santa Clara Valley Medical Center

**SANTA CRUZ COUNTY**

Dominican Santa Cruz Hospital \*  
Watsonville Community Hospital

**SISKIYOU COUNTY**

Fairchild Medical Center \*

**SONOMA COUNTY**

Sonoma Valley Hospital  
Santa Rosa Memorial Hospital  
Petaluma Valley Hospital

**SOLANO COUNTY**

Kaiser- Vallejo \*  
Sutter Solano Medical Center \*

**STANISLAUS COUNTY**

Emanuel Medical Center  
Memorial Medical Center  
Oak Valley Hospital

**SUTTER COUNTY**

Rideout Memorial Hospital

**TULARE COUNTY**

Kaweah Delta Hospital  
Tulare District Hospital

**TUOLUMNE COUNTY**

Sonora Community Hospital  
Tuolumne General Hospital \*

**VENTURA COUNTY**

Community Memorial Hospital  
St Johns Pleasant Valley Hospital  
Ojai Valley Community Hospital \*

**YOLO COUNTY**

Woodland Healthcare

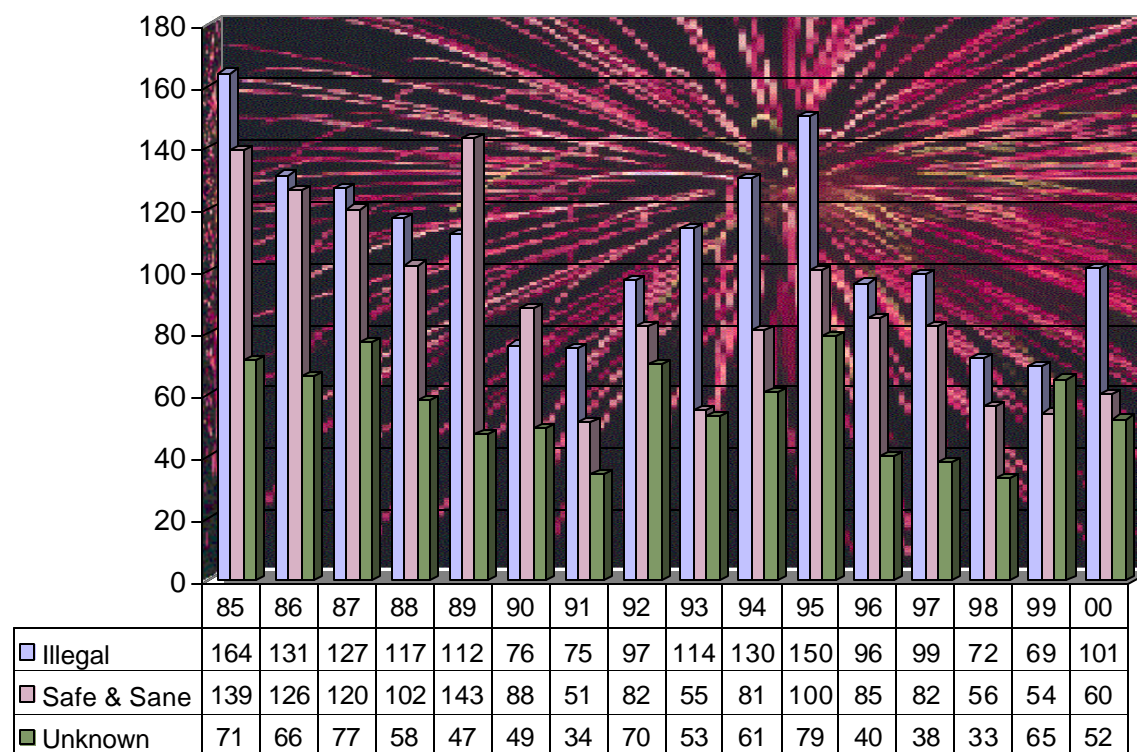
**YUBA COUNTY**

Rideout Hospital

# FIREWORKS INJURIES

Hospital Emergency Room Survey

June 17 - July 16, 2000



# Hospital Injury Data

## INJURIES BY FIREWORKS CLASSIFICATION BY COUNTY

June 17 thru July 16, 2000

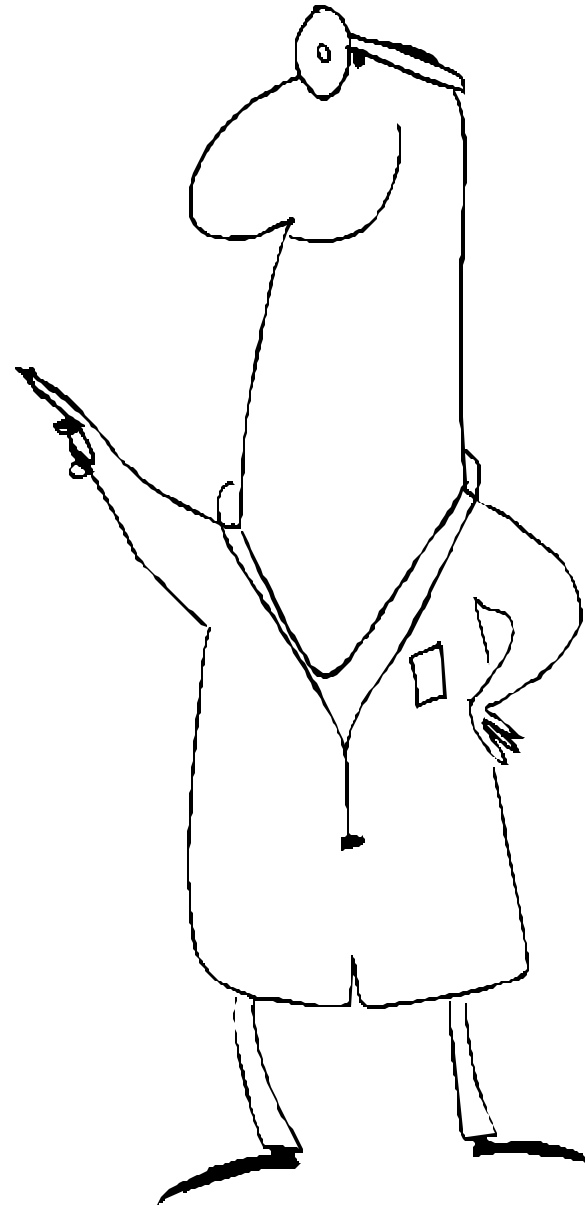
COUNTIES REPORTING INJURIES	TOTAL BY COUNTY	Fireworks Classification		
		LEGAL	ILLEGAL	UNKNOWN
01 Alameda	17	2	7	8
08 Del Norte	1	0	1	0
10 Fresno	5	2	1	2
11 Glenn	1	1	0	0
13 Imperial	5	1	0	4
15 Kern	3	3	0	0
19 Los Angeles	57	16	30	11
23 Mendocino	1	0	0	1
24 Merced	3	0	3	0
29 Nevada	1	0	0	1
30 Orange	45	14	21	10
31 Placer	1	1	0	0
33 Riverside	4	2	2	0
34 Sacramento	2	2	0	0
36 San Bernardino	9	1	3	5
37 San Diego	1	0	0	1
38 San Francisco	5	0	5	0
39 San Joaquin	3	1	2	0
40 San Luis Obispo	3	0	1	2
41 San Mateo	10	0	5	5
42 Santa Barbara	2	0	2	0
43 Santa Clara	1	0	1	0
44 Santa Cruz	1	0	1	0
49 Sonoma	3	2	1	0
50 Stanislaus	8	3	4	1
51 Sutter	2	1	1	0
54 Tulare	8	4	4	0
55 Tuolumne	3	2	1	0
56 Ventura	4	0	4	0
57 Yolo	3	2	1	0
58 Yuba	1	1	0	0
<b>Total</b>	<b>213</b>	<b>61</b>	<b>101</b>	<b>51</b>

**Hospitals in the following Counties reported no injuries:**

04 Butte  
06 Colusa  
07 Contra Costa  
09 El Dorado  
12 Humboldt  
14 Inyo  
16 Kings  
17 Lake  
18 Lassen  
20 Madera  
21 Marin  
25 Modoc  
26 Mono  
27 Monterey  
28 Napa  
32 Plumas  
47 Siskiyou  
48 Solano

**Hospitals in the following Counties did not report:**

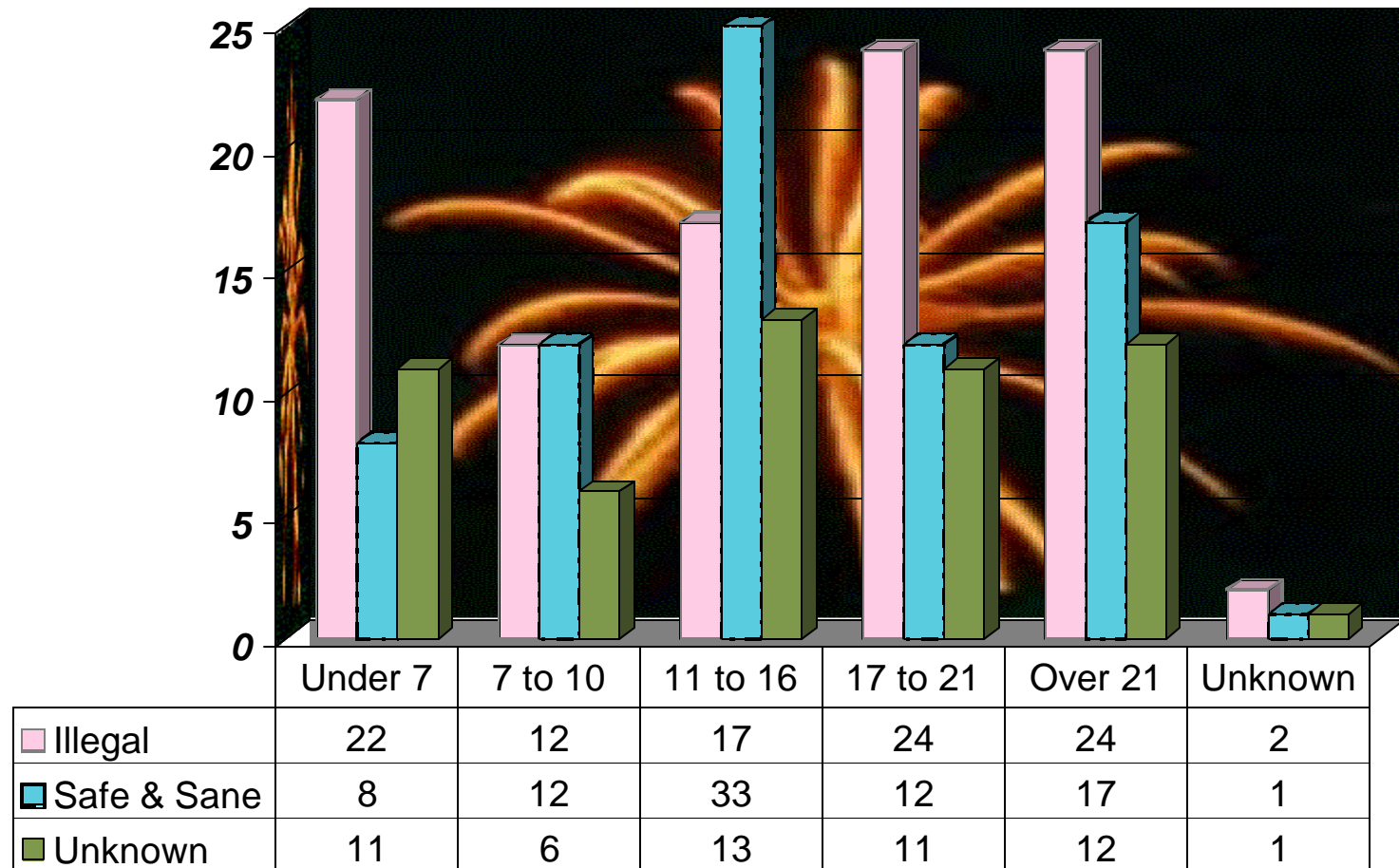
02 Alpine  
03 Amador  
05 Calaveras  
22 Mariposa  
35 San Benito  
45 Shasta  
46 Sierra  
52 Tehama  
53 Trinity



# Hospital Injury Data

## Injuries by Fireworks Classification by Age

### June 17 - July 16, 2000





# Hospital Injury Data

## INJURIES BY TYPE OF FIREWORKS DEVICE BY AGE JUNE 17 THRU JULY 16, 2000

TYPE OF DEVICE	TOTAL OF DEVICE	AGE					
		UNDER 7	7 – 10	11 – 16	17 – 21	OVER 21	UNKNOWN
Firecracker *	26	4	3	7	7	3	2
M80, Etc *	17	1	1	1	5	9	0
Smoke Bombs	14	1	1	9	0	3	0
Sparkler, Wire Core *	17	9	3	2	0	3	0
Wheel	3	1	2	0	0	0	0
Party Popper	1	1	0	0	0	0	0
Sky Rocket with Stick *	2	1	0	0	0	1	0
Bottle Rocket *	5	0	1	1	2	1	0
California Candle (hand held)	4	2	1	1	0	0	0
Roman Candle (shoots balls) *	10	1	1	4	3	1	0
Handle Fountain (hand held)	0	0	0	0	0	0	0
Unknown (probably thrown)	4	0	0	0	0	3	1
Cone Fountain	4	0	1	1	0	2	0
Base Fountain	15	0	5	6	0	3	1
Torpedo (snap caps)	6	0	2	1	1	1	1
Other	17	1	2	7	6	1	0
Display, Public	4	0	0	0	1	3	0
Homemade *	14	0	0	7	5	2	0
Ground Spinner (ground flower)	9	2	0	1	4	2	0
Unknown (probably hand held)	14	4	2	3	2	3	0
Unknown (probably rocket)	6	2	0	3	0	1	0
Unknown (unclassified)	11	2	1	2	1	3	2
Sparkler, wooden core	10	5	2	2	0	1	0
<b>TOTAL BY AGE</b>	<b>213</b>	<b>37</b>	<b>28</b>	<b>58</b>	<b>37</b>	<b>46</b>	<b>7</b>

\* Denotes **ILLEGAL** device

# Hospital Injury Data

## INJURIES BY TYPE OF FIREWORKS DEVICE BY BODY PART INJURED

JUNE 17 THRU JULY 16 2000

Type Of Device	Total Body Parts Injured	BODY PARTS									
		Head Face	Eyes	Neck	Arm	Hand Except Fingers	Fingers	Torso	Leg	Foot	Other
Firecracker *	20	5	3	0	1	4	4	0	3	0	0
M80, Etc. *	17	1	1	0	0	6	3	1	4	1	0
Smoke Bombs	15	3	6	0	0	3	2	0	0	0	1
Sparkler, Wire Core *	11	2	3	0	0	1	1	0	0	3	1
Wheel	3	1	0	0	0	1	0	0	1	0	0
Party Popper	2	0	0	0	0	0	2	0	0	0	0
Sky Rocket with stick *	0	0	0	0	0	0	0	0	0	0	0
Bottle Rocket *	7	2	3	0	1	1	0	0	0	0	0
California Candle (hand held)	2	0	0	0	0	2	0	0	0	0	0
Roman Candle (shoots balls) *	10	2	2	0	1	0	1	0	4	0	0
Handle Fountain (hand held)	3	0	0	0	0	0	3	0	0	0	0
Unknown (Probably thrown)	5	1	1	0	0	1	0	0	2	0	0
Cone Fountain	2	0	1	0	0	0	1	0	0	0	0
Base Fountain	17	1	0	0	1	7	5	1	1	0	1
Torpedo (Snap caps)	4	0	0	0	0	0	1	1	1	0	1
Other	22	8	1	0	1	6	5	1	0	0	0
Display, Public	6	4	2	0	0	0	0	0	0	0	0
Homemade *	11	3	0	0	0	3	1	1	2	0	1
Ground Spinner (ground flower)	9	0	0	0	1	5	1	0	2	0	0
Unknown (Probably hand held)	12	1	2	0	0	3	6	0	0	0	0
Unknown (Probably rocket)	2	0	0	0	1	0	0	0	1	0	0
Unknown (Unclassified)	17	2	1	0	3	3	0	1	4	0	3
Sparkler, Wooden Core	16	1	6	0	1	0	3	0	1	4	0
<b>Total</b>	<b>213</b>	<b>37</b>	<b>32</b>	<b>0</b>	<b>11</b>	<b>46</b>	<b>39</b>	<b>6</b>	<b>26</b>	<b>8</b>	<b>8</b>

FIGURES REFLECT INJURY TO MORE THAN ONE BODY PART FOR SOME INCIDENTS.

\* Denotes ILLEGAL device

# Hospital Injury Data

## INJURIES BY TYPE OF FIREWORKS DEVICE BY TYPE OF INJURY

JUNE 17 THRU JULY 16, 2000

Type Of Device	Total Injury Types	TYPE OF INJURY									
		BURN 1 <sup>st</sup> Degree	BURN 2 <sup>nd</sup> Degree	BURN 3 <sup>rd</sup> Degree	Abra- sion	Lacera- tion	Frac- ture	Loss of sight	Dismem- berment	Fata- lity	Other
Firecracker *	21	2	13	0	0	3	1	1	0	0	1
M80, Etc. *	19	2	3	0	2	4	3	1	2	0	2
Smoke Bombs	14	6	4	1	0	1	0	0	0	0	2
Sparkler, Wire Core *	12	1	7	2	1	0	0	0	0	0	1
Wheel	3	1	2	0	0	0	0	0	0	0	0
Party Popper	0	0	0	0	0	0	0	0	0	0	0
Sky Rocket with stick *	2	0	1	0	0	0	0	0	1	0	0
Bottle Rocket *	8	0	3	0	1	2	0	1	0	0	1
California Candle (hand held)	1	0	1	0	0	0	0	0	0	0	0
Roman Candle (shoots balls) *	10	2	6	1	1	0	0	0	0	0	0
Handle Fountain (hand held)	2	1	1	0	0	0	0	0	0	0	0
Unknown (Probably thrown)	2	1	0	0	0	1	0	0	0	0	0
Cone Fountain	2	1	0	1	0	0	0	0	0	0	0
Base Fountain	13	3	9	0	0	0	0	0	0	0	1
Torpedo (Snap caps)	6	0	5	0	0	0	0	0	0	0	1
Other	19	4	13	0	0	1	0	0	0	0	1
Display, Public	4	0	2	0	1	0	0	0	0	0	1
Homemade *	17	3	6	0	1	5	0	0	1	0	1
Ground Spinner (ground flower)	9	1	7	0	0	0	0	0	0	0	1
Unknown (Probably hand held)	8	1	5	0	0	0	1	1	0	0	0
Unknown (Probably rocket)	4	1	2	0	0	0	0	0	0	0	1
Unknown (Unclassified)	20	5	3	1	3	7	0	0	0	0	1
Sparkler, Wooden Core	17	4	10	0	0	0	0	1	0	0	2
<b>Total by Injury</b>	<b>213</b>	<b>39</b>	<b>103</b>	<b>6</b>	<b>10</b>	<b>24</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>17</b>

FIGURES REFLECT MORE THAN ONE TYPE OF INJURY FOR SOME INCIDENTS.

\* Denotes ILLEGAL device

# Hospital Reported Injuries By **LEGAL, ILLEGAL & UNKNOWN** **Fireworks**

<b>YEAR</b>	<b># of INJURIES</b>	<b>LEGAL Fireworks</b>	<b>ILLEGAL Fireworks</b>	<b>UNKNOWN Fireworks</b>
2000	213	61	101	51
1999	188	54	69	65
1998	161	56	72	33
1997	219	82	99	38
1996	221	85	96	40
1995	329	100	150	79
1994	272	81	130	61
1993	222	55	114	53
1992	249	82	97	70
1991	166	57	75	34
1990	213	88	76	49
1989	302	143	112	47
1988	278	103	117	59
1987	324	120	127	77
1986	323	126	131	66
1985	374	139	164	71
1984	493	205	184	104
1983	501	244	184	73
1982	613	205	286	122

The number of injuries shown reflects hospital emergency rooms only.  
Acute-care and Medical clinics are not included

# HOSPITAL PARTICIPATION REPORT

<b>YEAR</b>	<b># of Counties REPORTED</b>	<b># of Hospitals REPORTED</b>	<b># of Hospitals with INJURIES</b>	<b># of Hospitals without INJURIES</b>
2000	46	172	90	82
1999	47	238	138	100
1998	46	180	83	97
1997	46	202	98	104
1996	45	203	113	90
1995	43	206	138	68

NOTE: Hospital emergency room reporting is voluntary.

Therefore, participation may vary from year-to-year.